

**To:** Griswold, Hays[Griswold.Hays@epa.gov]  
**From:** Way, Steven  
**Sent:** Wed 7/29/2015 4:42:26 PM  
**Subject:** FW: Gold King Mine - prep

Hays, here's the basic direction to ERRS regarding the GK adit opening. Currently Harrison Western is not mobilizing until about 8/17 week.

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-----Original Message-----

From: Way, Steven  
Sent: Wednesday, July 29, 2015 7:04 AM  
To: Matt Francis  
Cc: Elliott Petri; Allen Sorenson  
Subject: Gold King Mine - prep

Matt ,

The following are the priority and strategy discussed onsite with Frank, Allen and Elliott regarding work to prepare for opening the adit:

1. Adit drainage control: leave the existing half pipe to receive flow from the adit until the ground level is lowered. Set a channel or drain pipe arrangement to the right as you look at the adit to divert flow to the hall-pipe diverting water from the area that will be excavated.
2. Water management system:
  - A. set up the pipe and filter bags towards the outlet end of the discharge pipe/ dump.
  - B. Before any excavation towards the adit floor between the concrete flume channel and adit, the sump and sump-pump set up to handle adit discharge must be in place.
- C. Water management system 2: the piping / hose must be in place to allow flow to be directed to the R n B pond before removing any adit blockage at or below 24" pipe in the adit debris. And, the steel stinger pipe ,4" threaded well casing pipe, must be prepared and available.
3. Excavation above adit / hill slope: the option to investigate the slope with the excavator was discussed. If appropriate, this option would require placing enough borrow material on top of the existing berm in front of the adit to allow access above the adit to expose the rock face.
4. Adit face excavation: this will occur only when either the OSC or DRMS (Allen) or HW mine crew Superintendent and the ERRS RM are present. In addition the ability to treat water must be set up with START present.

Elliott has some conceptual dregs of the layout. Let me know if you have questions.

I would to talk with you and Elliott this morning or at lunch time. Let know when works.

Steve

Sent from my iPhone